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3/1/05

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hong Zhao, Guillermo Sentoni and John P. Guiver

Application No.: 10/045,668 Group: 2121

Filed: October 24, 2001 Examiner: W.L. Starks

Confirmation No.: 2437

For: NON-LINEAR DYNAMIC PREDICTIVE DEVICE

|   |                           |
|---|---------------------------|
| CERTIFICATE OF MAILING OR TRANSMISSION  |                           |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on: |                           |
| 1/11/05   | <i>Therese A. Norcitt</i> |
| Date  | Signature                 |
| <i>Therese A. Norcitt</i>   |                           |
| Typed or printed name of person signing certificate   |                           |

LETTER REGARDING NOTICE OF ALLOWABILITY

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Letter is being filed in response to the Notice of Allowability mailed from the U.S. Patent and Trademark Office on December 6, 2004 in the above-identified application.

The undersigned thanks the Examiner for answering the inquiry regarding the prior submitted Information Disclosure Statements (IDS's) of May 29, 2002 (PTO received June 4, 2002) and November 14, 2002 (PTO received November 20, 2002). It is understood that each of these IDS's and corresponding PTO 1449 forms were made of record but Examiner initials acknowledging each cited reference have not been made on the PTO 1449 forms and returned to Applicant.


Thus, in accordance with instructions by the Examiner, this letter is forwarding hard copies of all references cited on the subject PTO 1449 forms in order to expedite the process of the Examiner initialing the PTO 1449 forms and returning said forms to the undersigned.

For the convenience of the Examiner, copies of the subject IDS's together with PTO 1449 forms are attached.

Acceptance is respectfully requested.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By   
Mary Lou Wakimura  
Registration No. 31,804  
Telephone: (978) 341-0036  
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Concord, MA 01742-9133

Dated: 11/1/05



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Hong Zhao, Guillermo Sentoni and John P. Guiver

Application No.: 10/045,668      Group Art Unit: 2123

Filed: October 24, 2001      Examiner: Not assigned

Title: NON-LINEAR DYNAMIC PREDICTIVE DEVICE

|   |                            |
|---|----------------------------|
| CERTIFICATE OF MAILING  |                            |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202 |                            |
| on <u>11/14/02</u>  | <u>Margaret A. Norsett</u> |
| Date  | Signature                  |
| <u>Margaret A. Norsett</u>  |                            |
| Typed or printed name of person signing certificate   |                            |

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
P.O. Box 2327  
Arlington, VA 22202

Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or  
(First/Second submission after Final Rejection)

☒ under 37 CFR 1.97(b), or  
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

☐ under 37 CFR 1.97(c) together with either:  
☐ a Statement under 37 CFR 1.97(e), as checked below, or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:  
☐ a Statement under 37 CFR 1.97(e), as checked below, and  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

☐ under 37 CFR 1.97(i):  
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.  
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
- ☐ Copies of the cited references are enclosed.
- ☐ Copies of cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. The earlier application contains copies of the cited references.
- ☒ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
- ☐ The "concise explanation" requirement (non-English references) for reference(s) [ ] under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
  - ☐ the explanation provided in the Specification.
  - ☐ submission of the enclosed International Search Report.
  - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
  - ☐ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's  
Initials

\_\_\_\_\_ U.S. Patent Application No. [     ], by [inventor(s)], filed [     ], Docket No.: [     ]

\_\_\_\_\_ U.S. Patent Application No. [     ], by [inventor(s)], filed [     ], Docket No.: [     ]

\_\_\_\_\_ U.S. Patent Application No. [     ], by [inventor(s)], filed [     ], Docket No.: [     ]

\_\_\_\_\_  
Examiner

\_\_\_\_\_  
Date

☐ A copy of each above-cited application, including the current claims, is enclosed.

☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [     ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.

☐ Please charge Deposit Account 08-0380 in the amount of \$[     ]. A copy of this Statement is enclosed.

☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Mary Lou Wakimura  
Mary Lou Wakimura  
Registration No.: 31,804  
Telephone: (978) 341-0036  
Facsimile: (978) 341-0136

Concord, MA 01742-9133

Dated: 11/14/02

PTO-749 REPRODUCED

ATTORNEY DOCKET NO.  
1086.1007-005APPLICATION NO.  
10/045,668INFORMATION DISCLOSURE CITATION  
IN AN APPLICATIONNovember 13, 2002  
(See several sheets if necessary)APPLICANT  
Hong Zhao et al.FILING DATE  
10/24/01GROUP  
2123

## U.S. PATENT DOCUMENTS

| EXAM-<br>INER<br>INI-<br>TIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-<br>CLASS | FILING DATE<br>IF<br>APPROPRIATE |
|-------------------------------|-----------------|------|------|-------|---------------|----------------------------------|
| AA                            |                 |      |      |       |               |                                  |
| AB                            |                 |      |      |       |               |                                  |
| AC                            |                 |      |      |       |               |                                  |
| AD                            |                 |      |      |       |               |                                  |
| AE                            |                 |      |      |       |               |                                  |
| AF                            |                 |      |      |       |               |                                  |
| AG                            |                 |      |      |       |               |                                  |
| AH                            |                 |      |      |       |               |                                  |
| AI                            |                 |      |      |       |               |                                  |
| AJ                            |                 |      |      |       |               |                                  |
| AK                            |                 |      |      |       |               |                                  |

## FOREIGN PATENT DOCUMENTS

|   | DOCUMENT NUMBER | DATE      | COUNTRY | CLASS | SUB-<br>CLASS | TRANSLATION<br>YES NO |
|---|-----------------|-----------|---------|-------|---------------|-----------------------|
| ✓ | AM WO 99/17175  | 08 Apr 99 | PCT     |       |               |                       |
|   | AN              |           |         |       |               |                       |
|   | AO              |           |         |       |               |                       |
|   | AP              |           |         |       |               |                       |
|   | AQ              |           |         |       |               |                       |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |  |
|----|--|
| AR |  |
| AS |  |
| AT |  |

EXAMINER

DATE CONSIDERED